AKG

CK 55

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Favor leia este manual antes de usar o equipamento!

1 Precaution/ Description

1.1 Precaution

Please make sure that the piece of equipment your microphone will be connected to fulfills the safety regulations in force in your country and is fitted with a ground lead.

1.2 Unpacking

Check that the packaging contains all of the components shown below. Should anything be missing, please contact your AKG dealer.

1 x **CK 55** with attachment clip	1 x **W 55** windscreen

1.3 Optional Accessories

- **MK 9/10** microphone cable: 10-m (30-ft.) 2-conductor shielded cable w/male and female XLR connectors

- **MPA III L** phantom power adapter

1.4 Features

- Professional miniature clip-on microphone.

- Cardioid condenser transducer for natural sound.
- Frequency response designed for excellent intelligibility.
- Fastens on the user's clothing.

1.5 Brief Description

The CK 55 is a professional miniature condenser clip-on microphone with an cardioid polar pattern. Owing to its small size, the CK 55 is an ideal choice for use in any situation requiring an inconspicuous microphone and maximum mobility for the user.
The microphone's frequency response has been designed specifically for speech reproduction.
An external windscreen supplied with the microphone reduces wind noise when using the microphone on an open-air stage.
The microphone is fitted with a 1.6-m (5 ft. 3 in.) cable with a locking mini XLR connector for use with the MPA III L phantom power adapter or AKG bodypack transmitters.

2 Interfacing

2.1 Introduction

The CK 55 is a condenser microphone and therefore needs a power supply.

Important: Using any power supply other than those recommended by AKG may damage your microphone and will void the warranty.

2.2 Connecting via MPA III L

Refer to fig. 1.

1. Push the mini XLR connector (1) on the microphone cable into the mini XLR socket (2) on the cable of the MPA III L (3) to the stop.
   The connector will lock automatically.
   To disconnect the cable, press the unlocking button on the mini XLR connector (1) and pull the connector (1) out of the socket.

Important: To avoid damaging the cable, never try to pull out the cable itself!

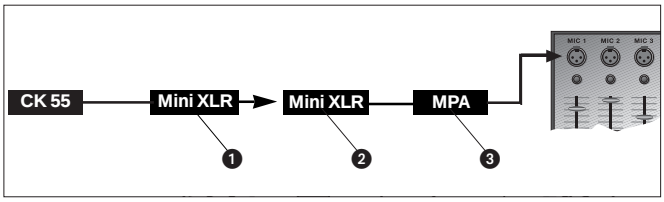


Fig. 1: Connection diagram with optional MPA III L.

2. Connect the MPA III L (3) to a balanced XLR microphone input with phantom power.
3. Switch the phantom power on. (Refer to the instruction manual of the unit to which you connected your microphone.)

2.3 Connecting to a Bodypack Transmitter

Refer to the manual of your bodypack transmitter.

3 Use

3.1 Introduction

The principal benefit of a microphone attached to the user's clothes is that the microphone allows the user to move about freely and keeps their hands free.

3.2 Operating Notes

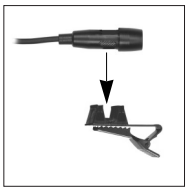


Fig. 2: Fixing the microphone on the clip.

1. Insert the microphone into the fixing clamp on the supplied attachment clip.
2. Attach the microphone to the talker's clothes, e.g., on the lapel, placing it as close as possible to the talker's mouth. (See fig. 3.)

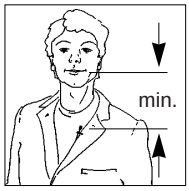


Fig. 3: Attaching the microphone near the user's mouth.

Note: The smaller the distance between the microphone and the sound source, the higher the usable gain before feedback.

Fig. 4: Microphone pickup angle.

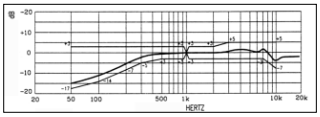
3. Ask the user not to turn their head more than 30 degrees to the left or right while talking. (Refer to fig. 4.)
   Talking outside the pickup angle of the microphone will reduce the microphone's output level considerably.

4 Cleaning

To clean the microphone case, use a soft cloth moistened with water.

5 Specifications

Frequency Response



Type:	pre-polarized condenser microphone
Polar pattern:	cardioid
Frequency range:	150 Hz to 18,000 Hz
Sensitivity at 1 kHz:	8.8 mV/Pa (-41 dBV re 1 V/Pa)
electrical impedance at 1 kHz:	200 Ω
Power requirement:	1.5 to 10 VDC via MPA III L phantom adapter or AKG WMS bodypack transmitters
Cable length:	1.6 m (5 ft. 3 in.)
connector:	3-pin mini XLR
Finish:	matte black
Size:	8 x 22 mm (0.3 x 0.9 in.)
Net/shipping weight:	2.5 g (0.09 oz. w/o cable / 115 g (4 oz.)

This product conforms to EN 50 082-1 provided it is connected to equipment with a CE mark.

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Printed in China. 12/01